

JAN 22 1982

# MATERIAL SAFETY DATA SHEET

Adapted and modified from USDL Form OSHA-20

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## SECTION I

MANUFACTURER'S NAME INDUSTRIAL POLYCHEMICAL SERVICE		EMERGENCY TELEPHONE NO. 213/321-6515
ADDRESS (Number, Street, City, State, and ZIP Code) P. O. Box 471, Gardena, Ca 90247		
CHEMICAL NAME AND SYNONYMS NA		TRADE NAME AND SYNONYMS WELD-ON 28 COMPONENT - A
CHEMICAL FAMILY NA	FORMULA NA	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE SEE BELOW			METALLIC COATINGS		
SOLVENTS SEE BELOW			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

  

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Methyl Methacrylate (MMA) inhibited Major >50%		
Acrylic Synthetic Resin (Minor) - 30 - 40%		100 PPM
Glacial Methacrylic Acid Extremely small amount		

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.) 760 MM Hg	214	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.03
VAPOR PRESSURE (mm Hg.) @ 20°C Based on Monomer	29	PERCENT VOLATILE BY VOLUME (%)	55 to 65
VAPOR DENSITY (AIR=1) 60°F, 1 ATM	3.42	EVAPORATION RATE (BUAC 1)	3
SOLUBILITY IN WATER G/100g, 68°F Rapidly precipitated	1.6		
APPEARANCE AND ODOR Clear viscous liquid with distinct odor			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) (TOC) 64°F	FLAMMABLE LIMITS @ 77°F, 1 ATM % by Vol.	LeI 2.1	Uel 12.5
EXTINGUISHING MEDIA Dry chemical extinguisher, CO <sub>2</sub> or Foam, water fog			
SPECIAL FIRE FIGHTING PROCEDURES Fire hoses with fog nozzles or chemical foams required for extinguishing flaming pools of Methyl Methacrylate.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Susceptible to spontaneous heating. Considered a fire hazard because of			

BOE-C6-0203525

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	100 PPM
EFFECTS OF OVEREXPOSURE	Nausea, dizziness, drowsiness, skin sensitizer may produce chapping and mild dermatitis. Irritating to eyes, nose and throat.
EMERGENCY AND FIRST AID PROCEDURES	<p>Skin Contact: Wash skin thoroughly with soap and water. EYE CONTACT: Flush with water immediately for 15 min. and get medical attention. INHALATION: Cover patient, provide plenty of fresh air, and call a physician. Keep patient quiet.</p> <p>IF SWALLOWED: Induce vomiting and call a physician.</p>

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Fire or abnormal temperatures or contact
	STABLE	X	with oxidizing materials
INCOMPATIBILITY (Materials to avoid) Corrosive to aluminum, magnesium, plexiglas and others, should be stored in stainless steel or glass or polyethylene containers.			
HAZARDOUS DECOMPOSITION PRODUCTS Generates heat through polymerization when mixed with oxidizing materials.			
HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID Methyl Methacrylate might be formed with abnormal temperatures or sunlight or with the addition of oxidizing materials.
	WILL NOT OCCUR		

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Clean up spill immediately. Flush with water. Eliminate all ignition sources.
Use self contained breathing apparatus and other protective equipment. Avoid exposure of personnel to toxic concentration of vapors.
WASTE DISPOSAL METHOD
The material should not be allowed to drain into domestic sewers. Minor spills can be washed with water and discharged into storm sewer. Follow local and state regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Not necessary if adequate ventilation is provided. If used in confined areas, use chemical respirator for organic vapors e.g. MSA #459433		
VENTILATION	LOCAL EXHAUST Sufficient to keep concentration below 100 PPM.	SPECIAL None
	MECHANICAL (General) Low point, 6 air changes per hour	OTHER None
PROTECTIVE GLOVES	EYE PROTECTION	
Rubber	Splash proof chemical goggles.	
OTHER PROTECTIVE EQUIPMENT		
Coveralls or neoprene aprons. Safety shower near working area.		

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
I.C.C. Classification; Flammable liquid; Red label, store in cool, dark areas below 70°F away from sources of heat.
OTHER PRECAUTIONS
Follow recommendations on label and literature.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third person proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.